National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ACE SOLUTIONS, NO.42, 1ST FLOOR, PADAVATAMMAN INDUSTRIAL ESTATE, AMBATHUR, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8381 **Page No** 1 of 4

Validity 11/01/2023 to 10/01/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME B 16.34
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Sec V Article 24 SE 165
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Sec V Article 6
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASTM E165
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASTM E165M
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	AWS D1.1 (Clause 8)
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	AWS D1.1 M
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	BS EN ISO 3452-1

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Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non Ferrous (Welds, Forgings, Castings)	Radiography Testing (Detection of Flaws with X-Rays)	ASME B 31.1
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME B 16.34
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Sec V Article 24 SE 165
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASME Sec V Article 6
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASTM E165
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	ASTM E165M
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	AWS D1.1 (Clause 8)
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	AWS D1.1 M
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material	Liquid Penetrant Testing (Solvent Removable, Visible Technique)	BS EN ISO 3452-1
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Castings	Radiography Testing (Detection of Flaws with X-Rays)	ASTM – E94
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Castings	Radiography Testing (Ir-192, Film)	ASTM – E94
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection of Flaws with X-Rays)	ASTM E1032
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection of Flaws with X-Rays)	AWS D1.1 (Clause 8)

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14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection of Flaws with X-Rays)	BS EN ISO 17636-1
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection of Flaws with X-Rays)	BS EN ISO 17640-1
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	ASTM E1032
17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	AWS D1.1 (Clause 8)
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	BS EN ISO 17636-1
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	BS EN ISO 17640-1
20	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Detection of Flaws with X-Rays)	ASME B 31.3 (Chapter 6)
21	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Detection of Flaws with X-Rays)	ASME Section V Article 2
22	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Detection of Flaws with X-Rays)	ASTM E1030
23	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Detection of Flaws with X-Rays)	ASTM E1030 M
24	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASME B 31.1
25	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASME B 31.3
26	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASME Section V Article 2
27	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASTM E1030
28	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (Welds, Forging and Castings)	Radiography Testing (Ir-192, Film)	ASTM E1030 M
29	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Casting	Radiography Testing (Detection if Flaws with X-Rays)	ASTM F629

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30	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection if Flaws with X-Rays)	API 1104
31	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Detection of Flaws with X-Rays)	AWS D1.1 M (Clause 8)
32	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	API 1104
33	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material - Welds	Radiography Testing (Ir-192, Film)	AWS D1.1 M (Clause 8)